

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problems Mailbox.**

Page Blank (uspto)

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-080184

(43)Date of publication of application : 28.03.1995

(51)Int.Cl.

D06F 35/00

(21)Application number : 05-252442

(71)Applicant : DIA CORP:KK

(22)Date of filing : 14.09.1993

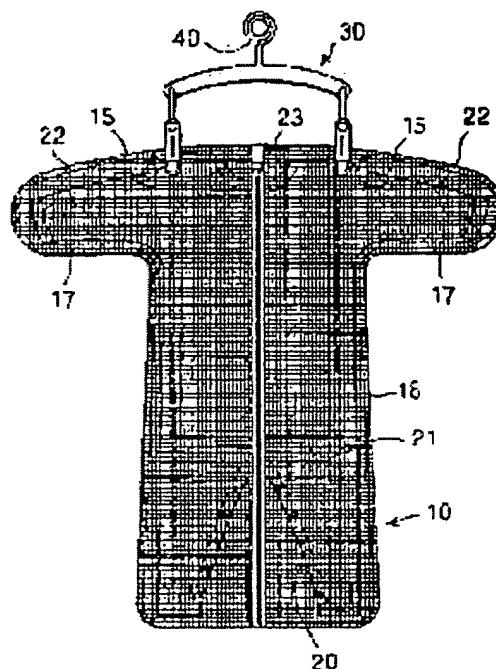
(72)Inventor : TOYOSAWA MANABU

## (54) WASHING NET

## (57)Abstract:

PURPOSE: To prevent the laundry stored in a net from being set aside or rounded during the washing process.

CONSTITUTION: Zippers 15 for fixing the laundry is provided in a bag-like net having an insertion/delivery port of the laundry. The washing net 10 has sleeve sections 17 storing the sleeves of the sleeved clothes 20 for a child, and the zippers 15 are provided at positions where both shoulder sections of the clothes 20 are fixed. The net material is formed with a nonfluorescent net using no formalin.



## LEGAL STATUS

[Date of request for examination] 22.05.1995

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2696094

[Date of registration] 19.09.1997

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right] 19.09.2002

Copyright (C); 1998,2003 Japan Patent Office

\* NOTICES \*

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. \*\*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

---

CLAIMS

---

[Claim(s)]

[Claim 1] A wash network which is a saccate network which has receipts-and-payments opening of the washing, and is characterized by having stops for fixing said washing to the interior.

[Claim 2] A wash network according to claim 1 which the washing is clothing with a sleeve and is characterized by having a housing part which contains a sleeve of this clothing with a sleeve.

[Claim 3] Said stops are wash networks according to claim 2 characterized by being prepared in a location which fixes the both-shoulders section of clothing with a sleeve contained by saccate network, respectively.

[Claim 4] Said receipts-and-payments opening is a wash network according to claim 3 characterized by being prepared in pars intermedia of a location in which said stops are prepared.

[Claim 5] It is the wash network of any one publication among claims 1-4 characterized by consisting of non-fluorescence networks in which said washing is clothing for babies, and said saccate network is not using formalin.

---

[Translation done.]

## \* NOTICES \*

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. \*\*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

## DETAILED DESCRIPTION

## [Detailed Description of the Invention]

[0001]

[Industrial Application] This invention relates to the wash network for washing, where the washing is contained. The washing especially contained in the network inclines in the process washed, or is related with the wash network which enabled it to prevent carrying out round-head relaxation.

[0002]

[Description of the Prior Art] Various objects are proposed and, as for the wash network for conventionally, washing, where the washing is contained, marketing is also carried out again.

[0003] For example, when the washing is clothing with a sleeve as are shown in drawing 4, and the wash network 3 which consists of a saccate network which has the receipts-and-payments opening 2 of the washing as a general and simple wash network is also indicated and it is shown in drawing 5, the housing part 5 which contains the sleeve of this clothing with a sleeve, and the wash network 3 which has 5' are also indicated by JP,3-92481,U. 1 is a fastener which opens and closes the receipts-and-payments opening 2.

[0004] According to such a wash network, the merit of being able to wash preventing trespass of the waste thread from other washing is obtained by containing the washing to this and supplying to a washer.

[0005]

[Problem(s) to be Solved by the Invention] In the conventional wash network mentioned above, while this was rubbed within the washer, the problem that the contained washing may incline within a network, or round-head relaxation might be carried out and it might not be washed well was.

[0006] In the wash network for clothing with a sleeve as especially shown in drawing 5, from the housing part 5 and 5', the sleeve of clothing enters into ejection and a drum section 4, and may be round, and it might be unable to wash well.

[0007] The object of this invention solves the above troubles, and the washing contained in the network inclines in the process washed, or is to offer the wash network which can prevent carrying out round-head relaxation.

[0008]

[Means for Solving the Problem] In order to attain the above-mentioned object, a wash network according to claim 1 is a saccate network which has receipts-and-payments opening of the washing, and is characterized by having stops for fixing said washing to the interior.

[0009] A wash network according to claim 2 is a wash network according to claim 1, and the washing is clothing with a sleeve and it is characterized by having a housing part which contains a sleeve of this clothing with a sleeve.

[0010] It is characterized by being prepared in a location where a wash network according to claim 3 fixes the both-shoulders section of clothing with a sleeve with which said stops were contained by saccate network in a wash network according to claim 2, respectively.

[0011] A wash network according to claim 4 is characterized by preparing said receipts-and-payments opening in pars intermedia of a location in which said stops are prepared in a wash network according to claim 3.

[0012] As for a wash network according to claim 5, in a wash network of any one publication, said washing is characterized by consisting of non-fluorescence networks in which it is clothing for babies and said saccate network is not using formalin among claims 1-4.

[0013]

[Function and Effect] According to the wash network according to claim 1, from receipts-and-payments opening, the washing is put in in a network and it contains, and it can supply to a washer and can wash.

[0014] And since the interior of a wash network is equipped with the stops for fixing the washing, when the washing is contained, the washing can be fixed by stops.

[0015] Therefore, according to this wash network, it can incline in the process in which the washing contained in the network is washed, or can prevent carrying out round-head relaxation, and can wash good.

[0016] Since the wash network according to claim 2 has the housing part which contains the sleeve of clothing with a sleeve, it can contain and wash the housing part of clothing to this housing part, and can fix the washing to it by stops also in this case.

[0017] Therefore, this wash network can wash clothing with a sleeve good.

[0018] Since stops are prepared in the location which fixes the both-shoulders section of the clothing with a sleeve contained by the saccate network in the wash network according to claim 2, respectively according to the wash network according to claim 3, it can prevent effectively that the sleeve of clothing slips out of the housing part of a network. Moreover, since the both-shoulders section will be fixed, it is also prevented that a neck hangs down.

[0019] According to the wash network according to claim 4, in a wash network according to claim 3, since it is prepared in the pars intermedia of the location in which stops are prepared, receipts-and-payments opening can perform fixed actuation which edits in a network, stops easily and is depended in detail from receipts-and-payments opening.

[0020] Since the saccate network consists of non-fluorescence networks which are not using formalin in the wash network of any one publication among claims 1-4, a wash network according to claim 5 can be used in comfort, even if the washing is clothing for babies.

[0021]

[Example] Hereafter, one example of this invention is explained with reference to a drawing.

[0022] Drawing 1 is drawing showing one example of the wash network concerning this invention, and a c-c cross section [ in / (a) / a plan

and (b) and / in (c) / (b) drawing ] and (d) are right lateral drawings. [ front view ]

[0023] The wash network 10 of this example is a wash network suitable for containing and washing the clothing 20 with a sleeve for babies as shown in drawing 3 .

[0024] as shown in drawing 1 , this wash network 10 bends that periphery section for the transverse-plane network material 11 and the back network material 12 which have a configuration corresponding to clothing with a sleeve mostly inside. respectively. and wraps this bending section from the inside -- as -- bias tape 13 -- reliance -- \*\*\*\* -- it is formed in saccate as a whole by carrying out sewing. As for 17 and 17, the housing part of a wash network and 18 are drum sections.

[0025] In that center section, the fastener 14 extended to a lengthwise direction is formed in the transverse-plane network material 11, and this fastener 14 constitutes the gate for taking clothing 20 in and out. In addition, a fastener 14 also assigns a bias tape and is sewn. 14a is a tongue for opening and closing a fastener 14, and when a fastener is closed, elastic band 14b which covers tongue 14a is prepared in the edge of a fastener 14.

[0026] An eye is fine, and the transverse-plane network material 11 and the back network material 12 have soft aesthetic property, and are constituted from a non-fluorescence network in which formalin is not used by each.

[0027] 15 is stops, and as shown also in drawing 3 , it is prepared in the location which fixes the both-shoulders section of the contained clothing 20 with a sleeve, respectively. Moreover, the fastener 14 which forms receipts-and-payments opening has as a result composition prepared in the pars intermedia of the location in which stops 15 and 15 are formed. Stops 15 are constituted from this example by the clip as shown in drawing 2 , and are attached by sewing the edge together with bias tape 13 through the mounting string 16.

[0028] In order to wash the clothing 20 with a sleeve for babies (only henceforth clothing) using the above wash networks 10, a fastener 14 is opened first and clothing 20 is contained in the wash network 10. Under the present circumstances, as shown in drawing 3 , the leg and the drum section 21 of clothing 20 are contained to the drum section 18 of a wash network, and sleeves 22 and 22 are contained to the housing parts 17 and 17 of a wash network, respectively.

[0029] Subsequently, on both sides of the both-shoulders section of clothing 20, it fixes by stops 15. Under the present circumstances, since receipts-and-payments opening by the fastener 14 is prepared in the pars intermedia of the location in which stops 15 are formed, it can edit in a network from receipts-and-payments opening, and can perform fixed actuation by stops 15 easily.

[0030] Then, a fastener 14 is closed, and it supplies to a washer and washes.

[0031] Since the clothing 20 contained in the wash network is being fixed by stops 15 according to such a wash network 10, it inclines in the process in which clothing 20 is washed within the wash network 10, or carrying out round-head relaxation is lost, and clothing can be washed good. Since stops 15 are formed in the location which fixes the both-shoulders section of clothing 20 with a sleeve, respectively, they can prevent effectively that the sleeve 22 of clothing slips out of the housing part 18 of the wash network 10. And since the both-shoulders section is being fixed, it is also prevented that the neck 23 of clothing 20 hangs down.

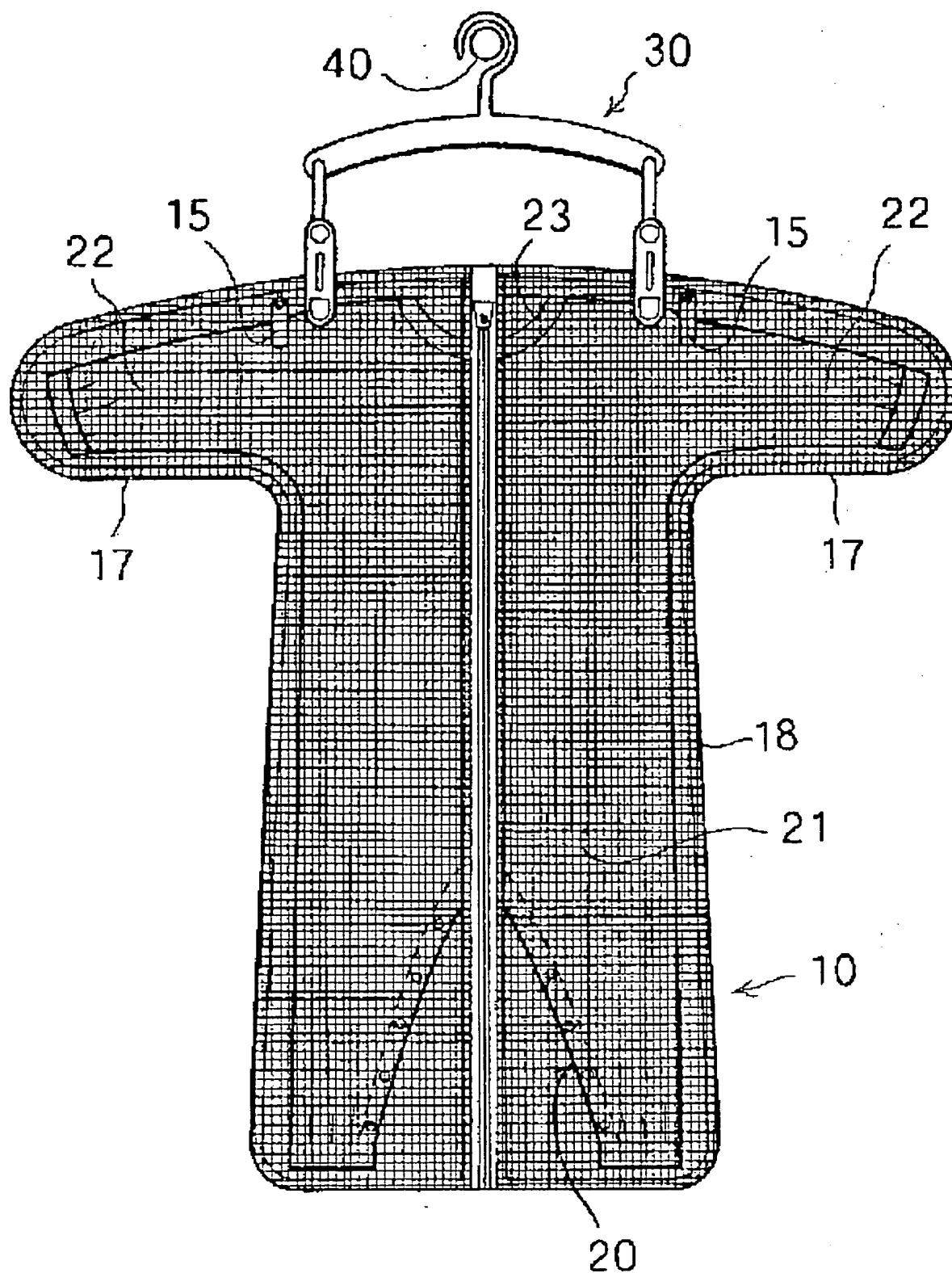
[0032] Moreover, since the network material 11 and 12 consists of non-fluorescence networks which are not using formalin, even if the washing is clothing for babies, it can be used in comfort, and since it is network [ with a fine eye ] material with soft aesthetic property, trespass of the waste thread from other washing is prevented, and fluff cannot produce it easily in clothing 20.

[0033] Furthermore, after washing, it can hang in clothespole 40 grade using hanger 30 grade, containing clothing 20, as shown in drawing 3 , and can be made to dry. Under the present circumstances, since clothing 20 is dried after having been contained by the wash network 10, it is protected from the stools of dust or a bird, the egg of an insect, etc. Moreover, since it will be in the condition that the both-shoulders section is hung by stops 15, mold collapse is not produced, either.

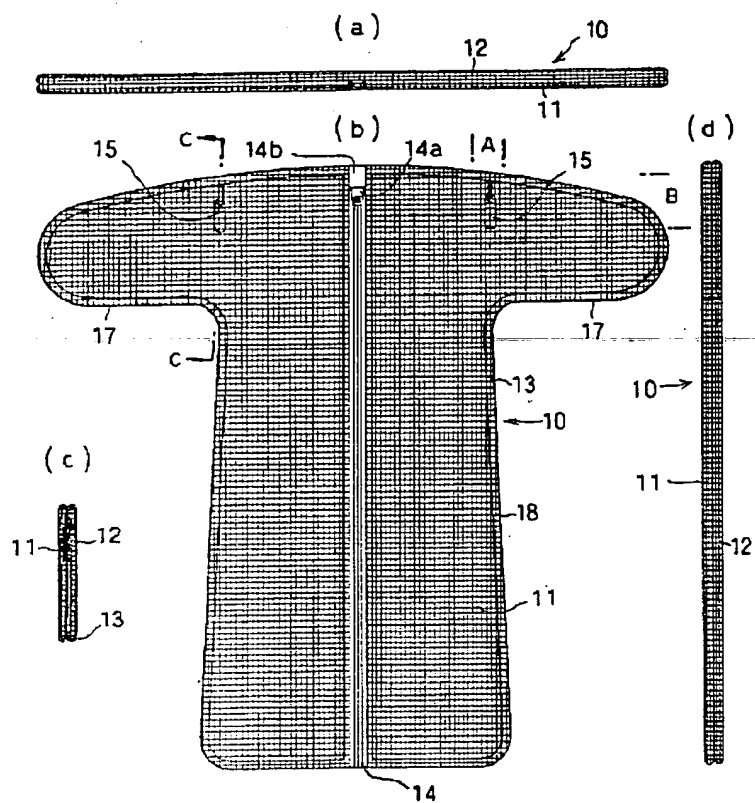
[0034] As mentioned above, although one example of this invention was explained, this invention is not limited to the above-mentioned example, and deformation implementation is possible for it suitably within the limits of the summary of this invention.

[0035]

[Translation done.]



Drawing selection drawing 1



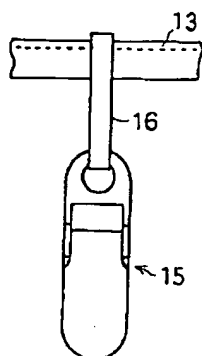
[Translation done.]



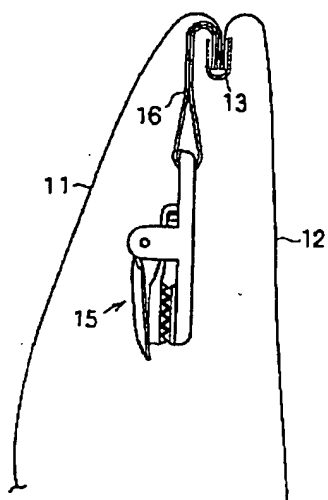
Drawing selection drawing 2

---

(a)



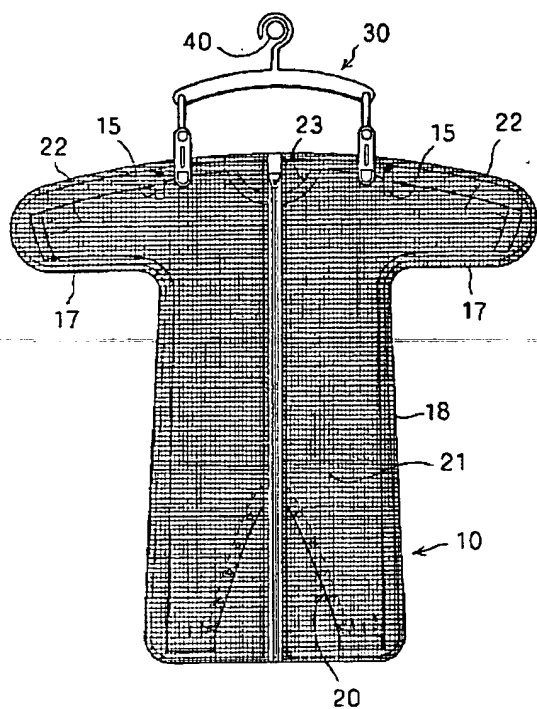
(b)



---

[Translation done.]

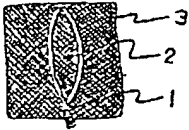
Drawing selection drawing 3



[Translation done.]

Drawing selection drawing 4

---



[Translation done.]

**This Page Blank (uspto)**